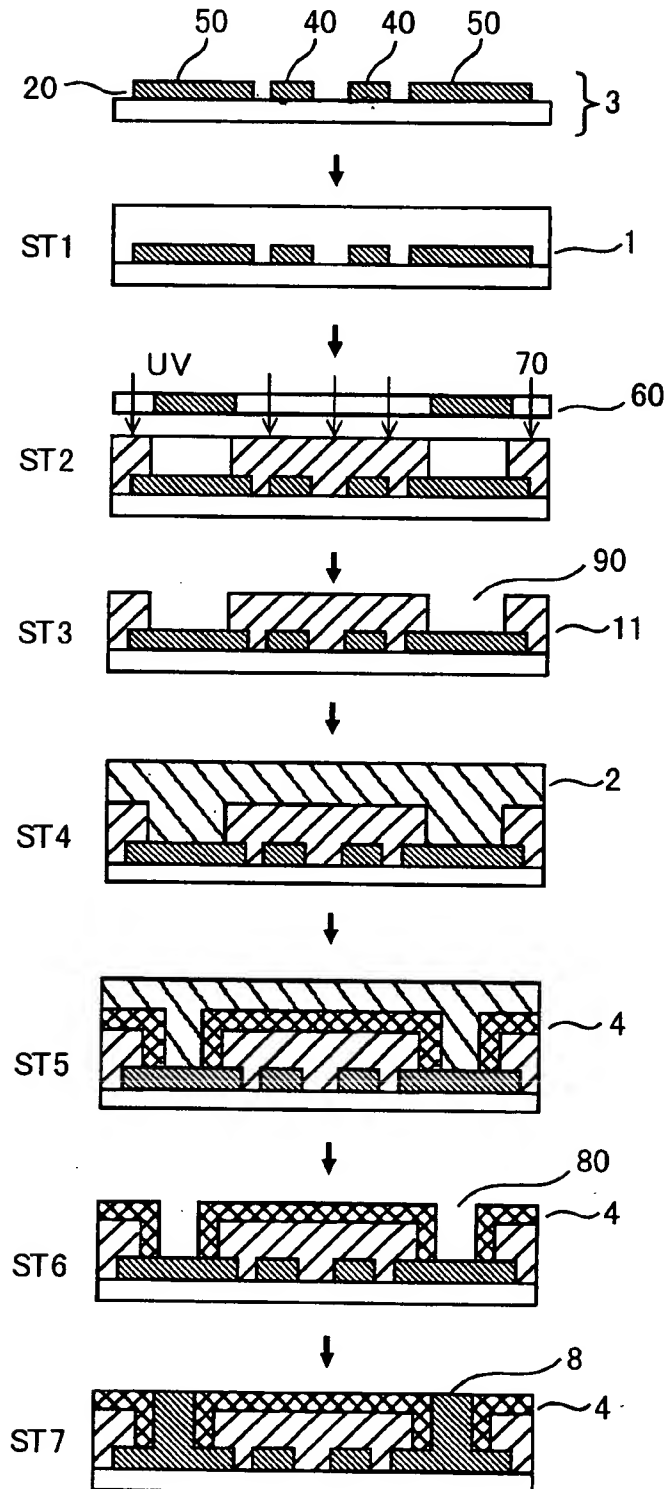
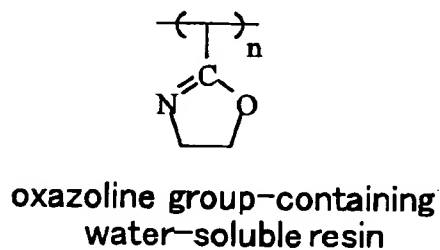
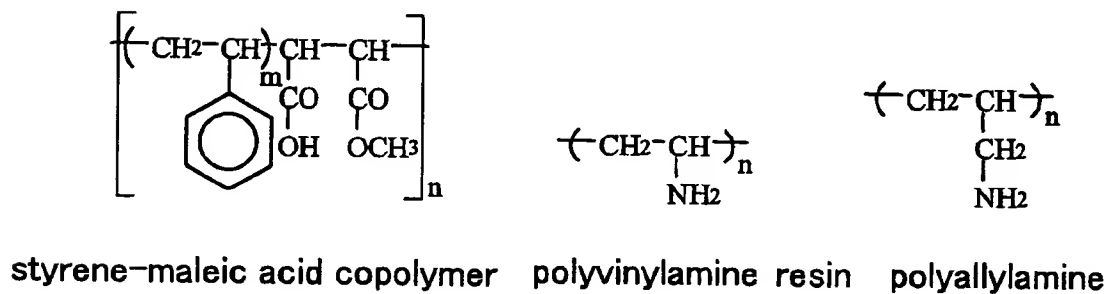
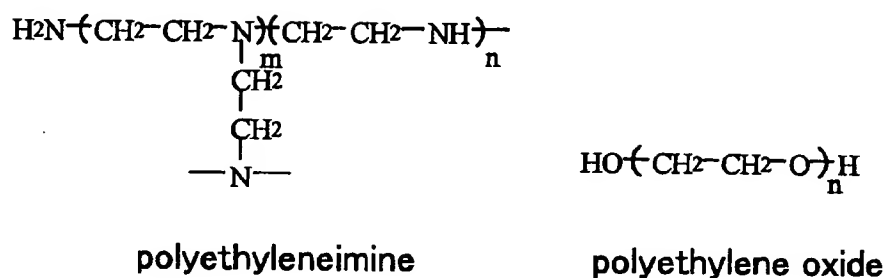
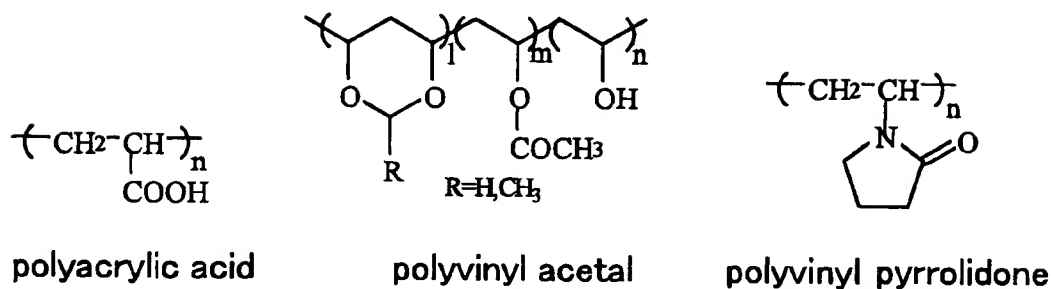


Fig. 1



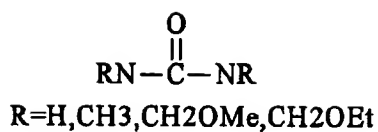
09738855 121800

Fig.2

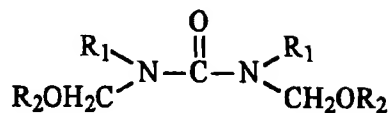


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Fig.3

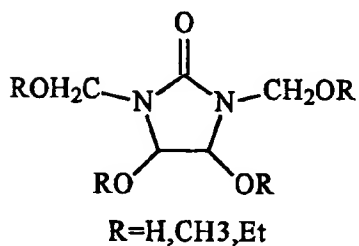


ureaderivatives

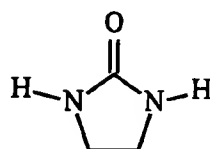


R<sub>1</sub>=H, CH<sub>3</sub>, CH<sub>2</sub>OMe, CH<sub>2</sub>OEt  
 R<sub>2</sub>=H, CH<sub>3</sub>, Et

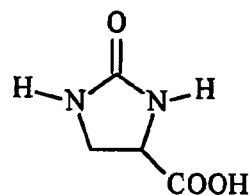
alkoxymethylurea



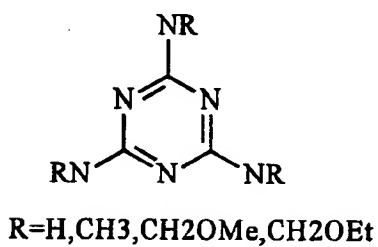
N-alkoxyethyleneurea



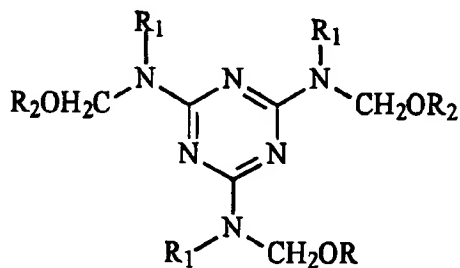
ethyleneurea



ethyleneureacarboxylic acid

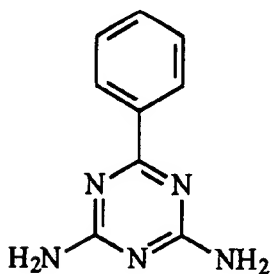


melamine derivatives

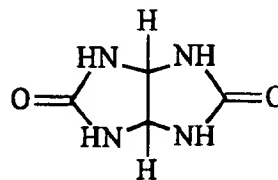


R<sub>1</sub>=H, CH<sub>3</sub>, CH<sub>2</sub>OMe, CH<sub>2</sub>OEt  
 R<sub>2</sub>=H, CH<sub>3</sub>

alkoxymethylmelamine derivatives



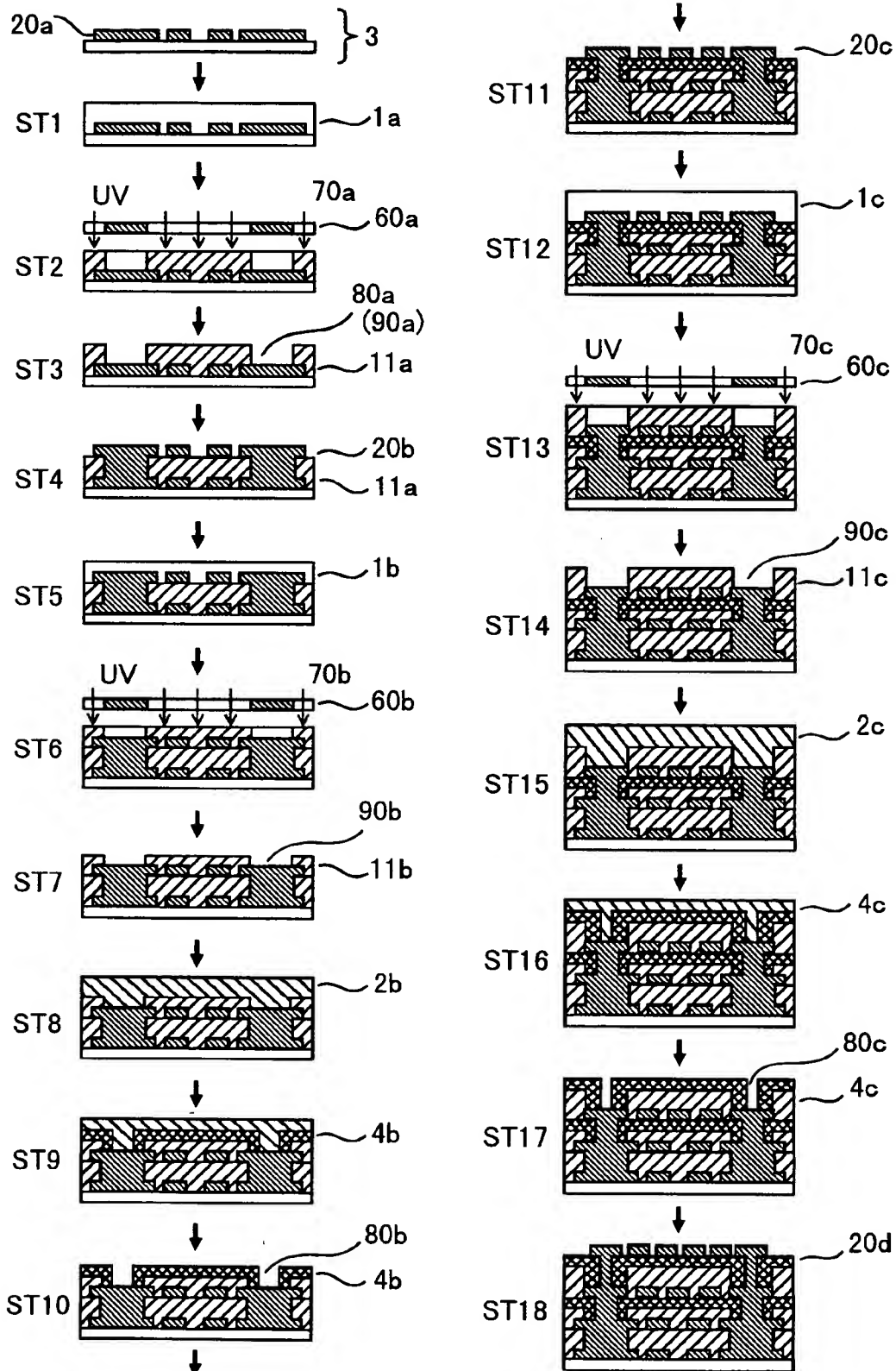
benzoguanamine



glycoluril

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Fig.4



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Fig.5

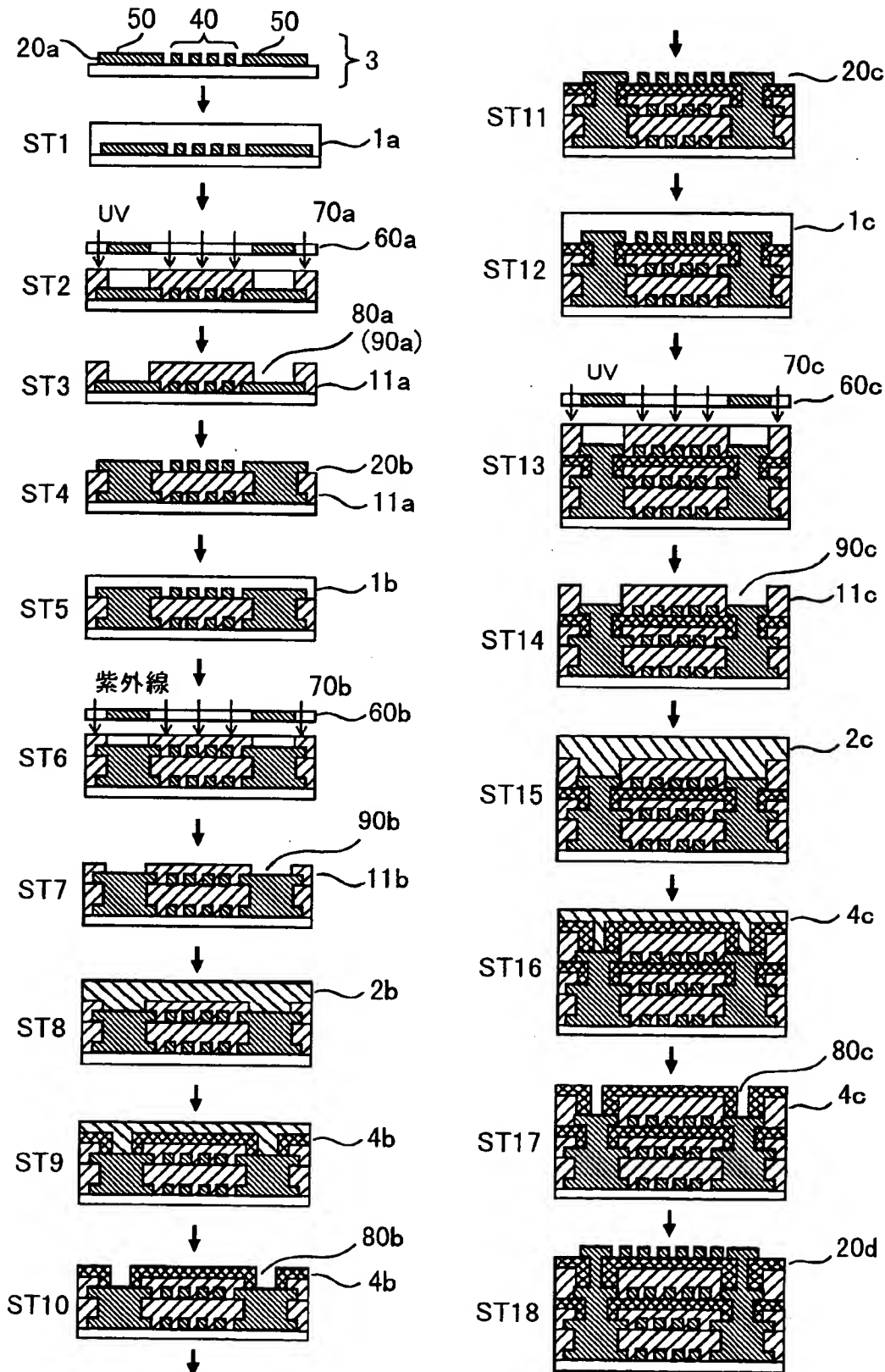
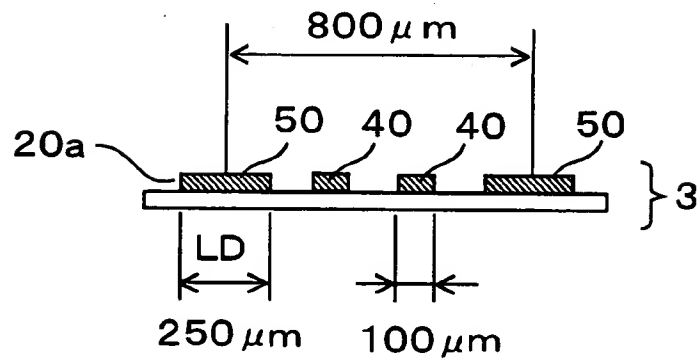


Fig.6



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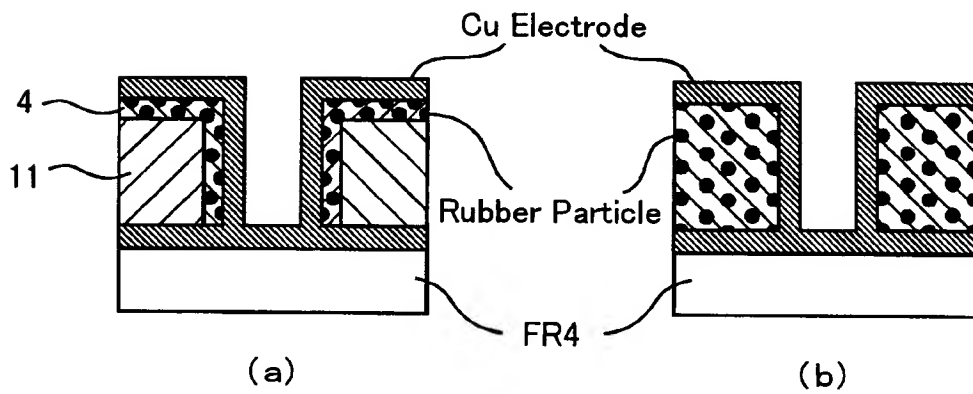
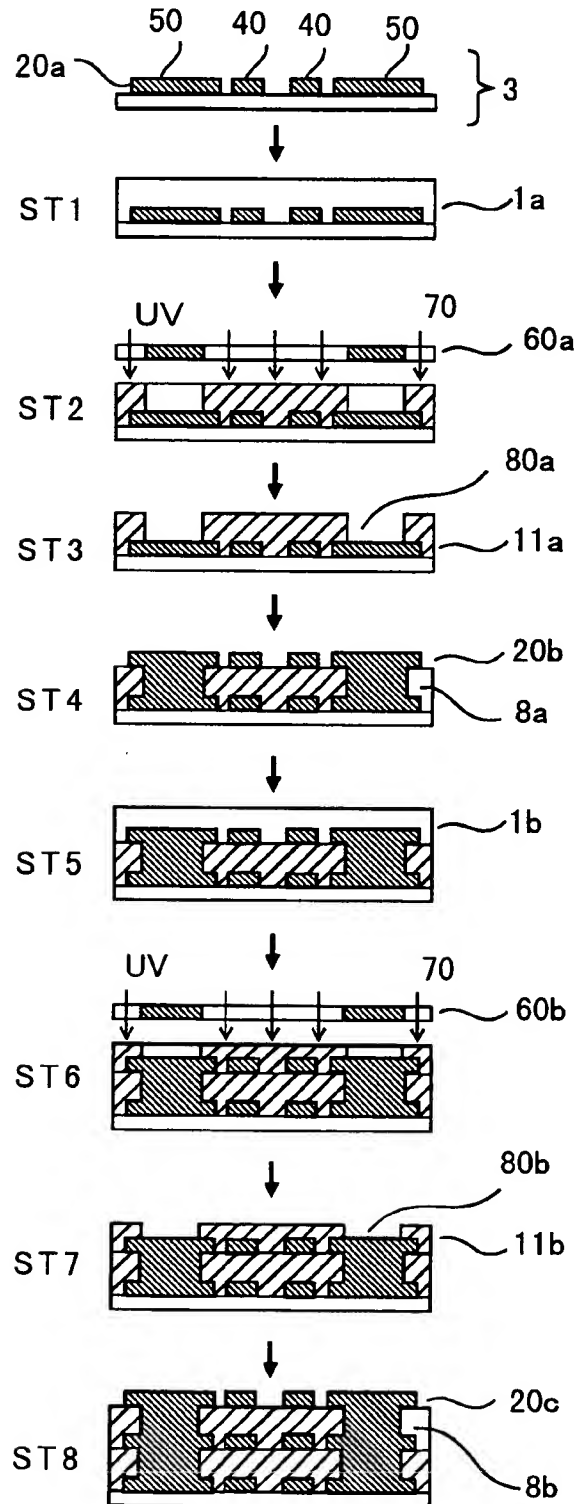


Fig.8  
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Table 1

Condition	Diameter of Via-Hole
Non Heat Treatment	150 $\mu$ m
120°C/60min	130 $\mu$ m
130°C/30min	100 $\mu$ m
140°C/30min	70 $\mu$ m

Table 2

Condition	Diameter of Via-Hole
Non Heat Treatment	150 $\mu$ m
110°C/10min	120 $\mu$ m
110°C/20min	100 $\mu$ m
110°C/30min	80 $\mu$ m
135°C/40min	40 $\mu$ m

Table 3

Condition	Diameter of Via-Hole
Non Heat Treatment	150 $\mu$ m
110°C/15min	120 $\mu$ m
120°C/15min	100 $\mu$ m
130°C/15min	80 $\mu$ m
135°C/20min	45 $\mu$ m

Table 4

Condition	Diameter of Via-Hole
Non Heat Treatment	100 $\mu$ m
120°C/30min	96 $\mu$ m
130°C/30min	90 $\mu$ m
140°C/30min	83 $\mu$ m

Table 5

Sample	Dielectric Constant [ 1kHz 25°C ]	Thermal Expansion [ Vertical 80~120°C ]	Peel Strength [ 90° Peel 25°C ]
Evaluation Board A	4.5	40ppm	980kg/cm
Evaluation Board B	4.8	55ppm	970kg/cm